



Helena St., Jenifer St. and Russell St. Reconstruction 2021

**Public Informational Meeting
by City of Madison Engineering Division
2-1-2021**

- ✓ This meeting will be **recorded** and posted to the City's project page.
- ✓ All attendees should stay be **muted** to keep background noise to a minimum.
- ✓ You may use the **“raise hand”** option at the bottom if you have something that required immediate clarification.
- ✓ Use **“chat”** option if you are having technical issues and a staff person can try to assist.
- ✓ Please use the **“Q&A”** option at the bottom of the screen to type your question. Questions will be answered at the end of the presentation. Inappropriate questions may be dismissed.



This meeting is being recorded.

It is a public record subject to disclosure.

By continuing to be in the meeting, you are consenting to being recorded and consenting to this record being released to public record requestors.

How to Participate

The screenshot displays a Zoom meeting interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a Microsoft Excel spreadsheet with a ribbon and a grid. A "City of Madison" window is partially visible on the right. In the center, a dark dialog box titled "Join Audio" is open, showing "Phone Call" and "Computer Audio" options. A blue button labeled "Join Audio by Computer" is highlighted with a red arrow. At the bottom of the Zoom window, a "Join Audio" button with a headset icon is also highlighted with a red arrow. Other bottom icons include "Q&A", "Chat", and "Raise Hand". A "Leave Webinar" button is in the bottom right corner.

Make sure to join audio

How to Participate

The screenshot displays a Zoom webinar interface. At the top, a green banner reads "You are viewing City of Madison's screen" with a "View Options" dropdown. Below this is a shared screen showing a Microsoft Excel spreadsheet with a ribbon and a calendar view. A "City of Madison" logo is visible in the top right of the shared screen. In the center, there are two audio options: "Phone Call" and "Computer Audio". A blue button labeled "Join Audio by Computer" is positioned below these options. At the bottom of the interface, there is a toolbar with icons for "Join Audio", "Q&A", "Chat", and "Raise Hand". A red arrow points to the "Raise Hand" icon. The text "Leave Webinar" is visible in the bottom right corner.

Raise your hand to be unmuted
For comments or ask additional questions.

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Use chat if you have technical issues or a question for the panelists

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Use Q/A if you have questions.
We will answer after the presentation

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Recording

You are viewing City of Madison's screen View Options

City of Madison

Phone Call

Computer Audio

Join Audio by Computer

Join Audio Q&A Chat Raise Hand Leave Webinar

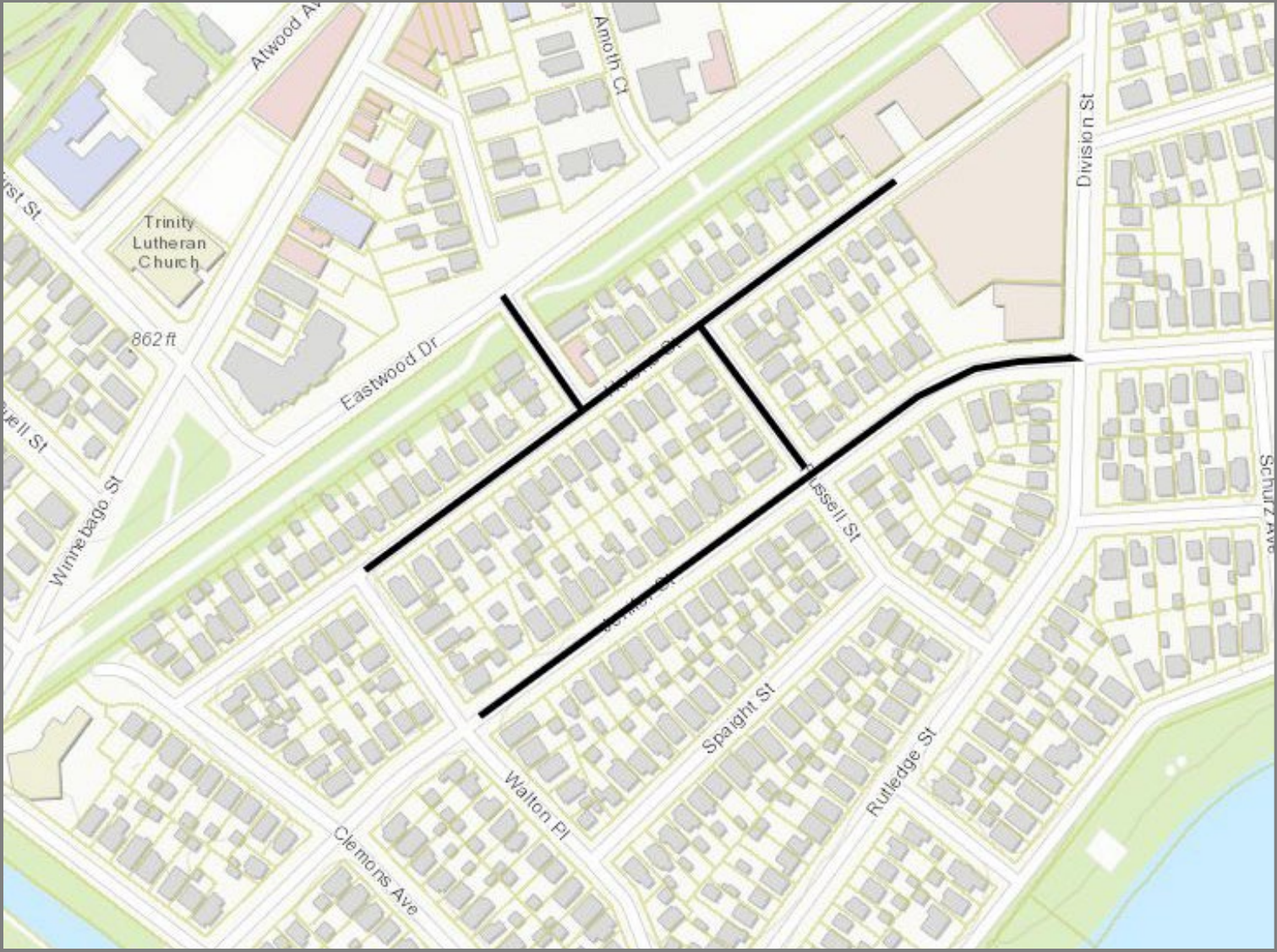
To leave the meeting click here



Meeting Outline

- Project limits & scope
- Overview of underground utilities
- Existing roadway conditions and data
- Proposed work
- Assessments
- General construction info
- Schedule

Project Location



Proposed Scope of Work

- Replace City Utilities
 - Sanitary sewer main & laterals
 - Storm sewer
 - Water main work as necessary
- Replace street infrastructure

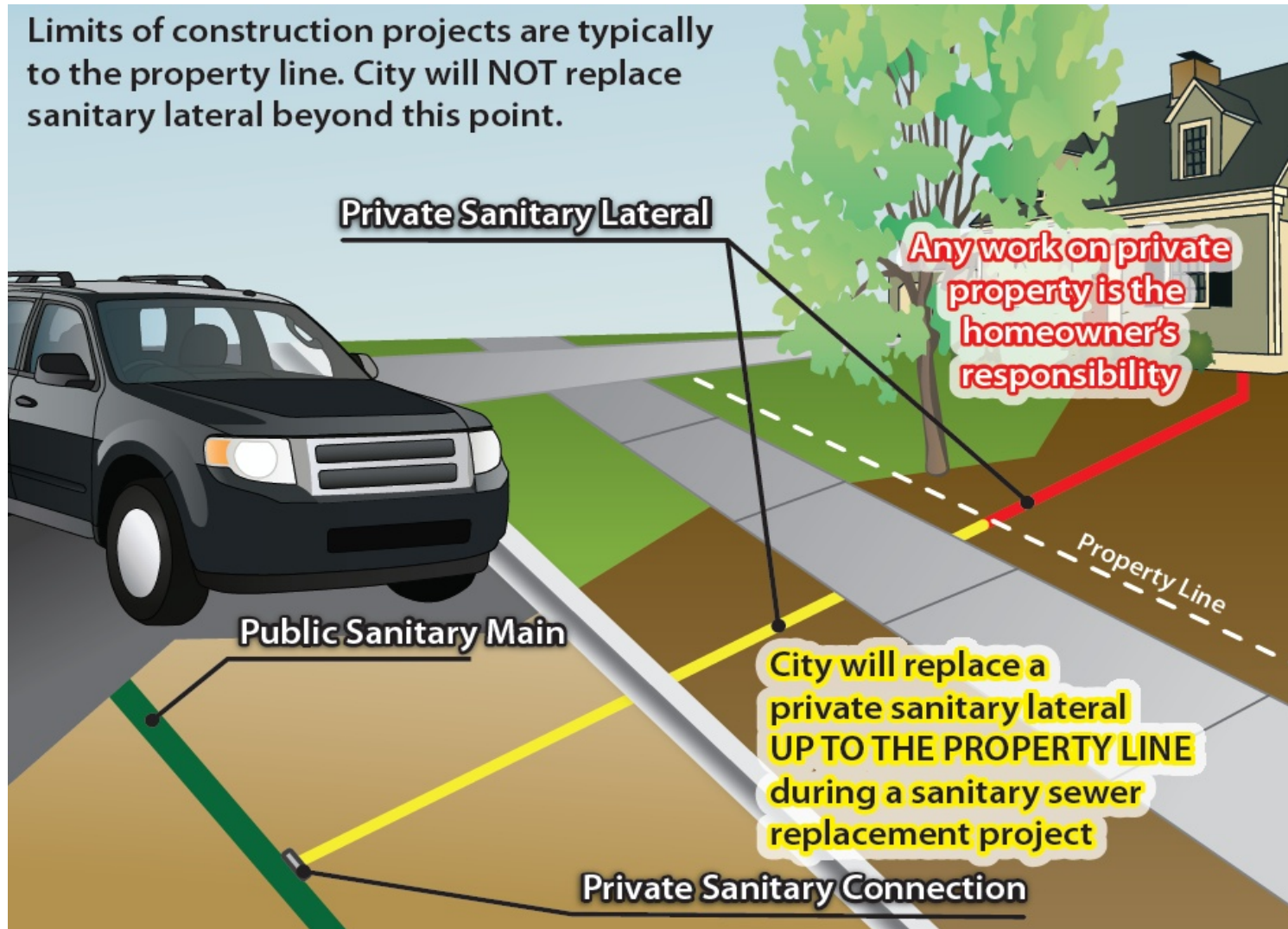


City Utility Work - Sanitary Sewer

- Existing sanitary sewer main
 - Installed in 1917
 - Mostly 6” diameter clay pipe
 - Russell between Jenifer & Helena is 8”
- Proposed sanitary sewer work
 - Replace main with new PVC pipe
 - Replace laterals from main to the property line
 - Minimum 8” diameter sewer main for all streets

City Utility Work - Sanitary Sewer

Limits of construction projects are typically to the property line. City will NOT replace sanitary lateral beyond this point.



City Utility Work – Storm Sewer

- Existing storm sewer
 - Mains in terraces of Helena & Russell, only at intersections on Jenifer
 - Installed in 1917
 - 18” – 20” pipe drains into City of Monona system
 - Ultimately drains to Yahara River
- Replace storm sewer with project
 - Additional inlets on the street
 - Upsize pipe size – likely 21”
 - Install new storm sewer where needed along Jenifer St.

Existing Condition of Streets

Item	Existing Condition
Pavement Surface Evaluation & Rating	Helena rated 4/10; Jenifer 5/10; Russell 5/10
Curb	Helena rated 3/10; Jenifer 3/10; Russell 2/10 Flat, poorly draining in a number of locations
Sidewalk	Both sides of all streets, non-compliant curb ramps
Width	28' on Helena & Jenifer, 24' on Russell
Traffic Volumes	No recent counts available; volumes on Jenifer likely higher due to thru connection between Riverside & Division, and market access
On-street Parking	Parking allowed on both sides of all streets, except Jenifer between Russell & Division; street sweeping parking restrictions

Existing Conditions



Proposed Street Work

- Replace curb & gutter
 - Improve drainage
- New asphalt pavement & gravel base
- Replace driveway aprons
 - Goal to improve grades
 - Install new standard
- Replace sidewalk as needed
 - Damaged, offset, or poorly draining
 - Sewer lateral replacement
 - ADA compliant curb ramps

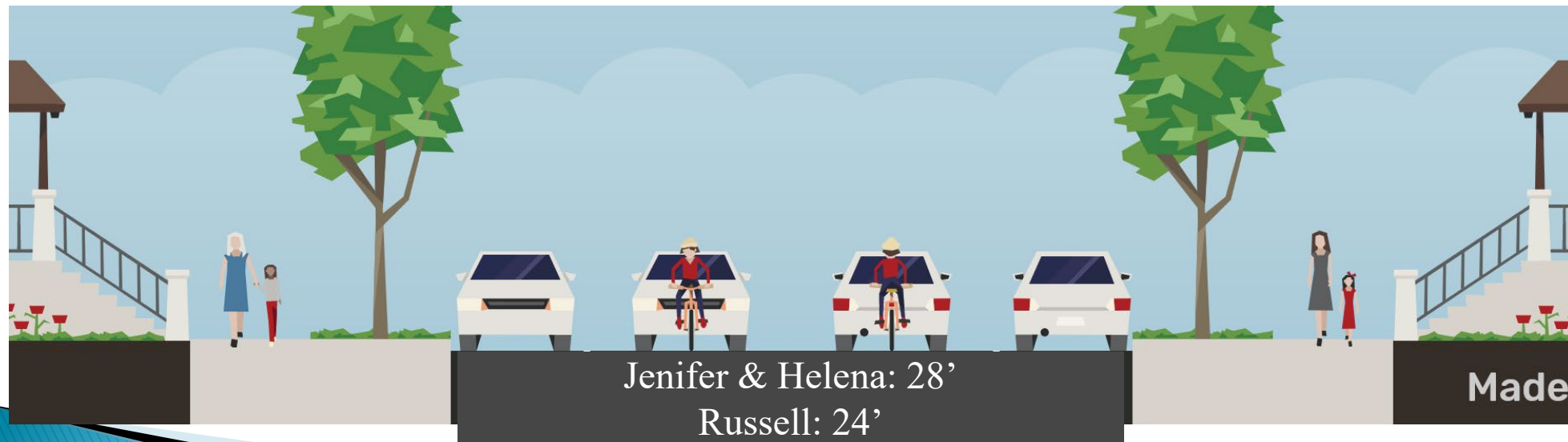


Preliminary Survey Results

- 52 responses (Thank you!)
- Issues related to specific properties will be reviewed in more detail in near future
- Jenifer St. speed humps
 - Overall 56% prefer speed humps
 - Same support from residents on Jenifer St.
- Helena St. width
 - Overall 56% prefer 26 ft. width
 - 52% for residents on Helena St.
- Survey remains open until 2/8

Proposed Street Design

- Essentially match existing on all streets
 - Width & parking conditions to remain the same
 - Responses didn't overwhelmingly support width change on Helena
 - Could still change if a lot of additional responses are sent in
 - Possible slight narrowing of Helena St. to protect terrace trees
 - May include removing parking in select locations



Proposed Street Design

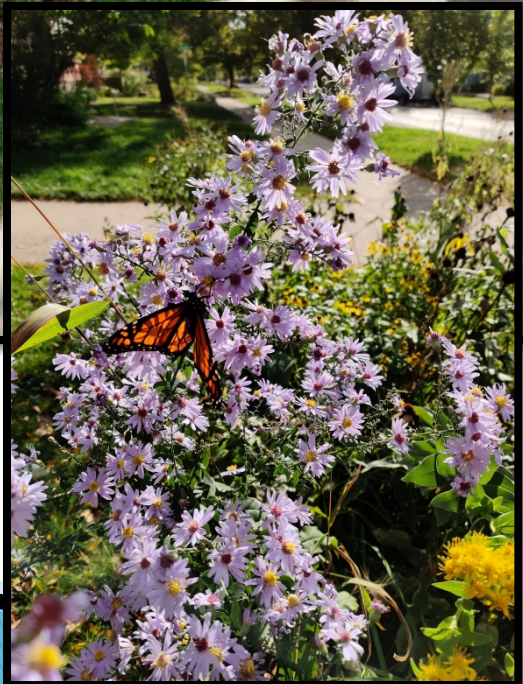
- Proposed speed humps on Jenifer St.
 - Not overwhelming support in survey, typically requires at least 60%
 - Modified plan to still include 2 speed humps
 - Just east of Russell & just east of Walton
 - Third speed hump removed due to a lack of space between driveways
- Consider formal speed study in spring to determine need

Proposed Street Design

- Replace bike path crossing to be further from Eastwood
 - Recommendation from Transportation Commission
 - More space between path users & vehicles
 - Allows right turns off Eastwood space/time to yield
 - Improved markings of path crossing
 - Wider ramp for crossing Eastwood



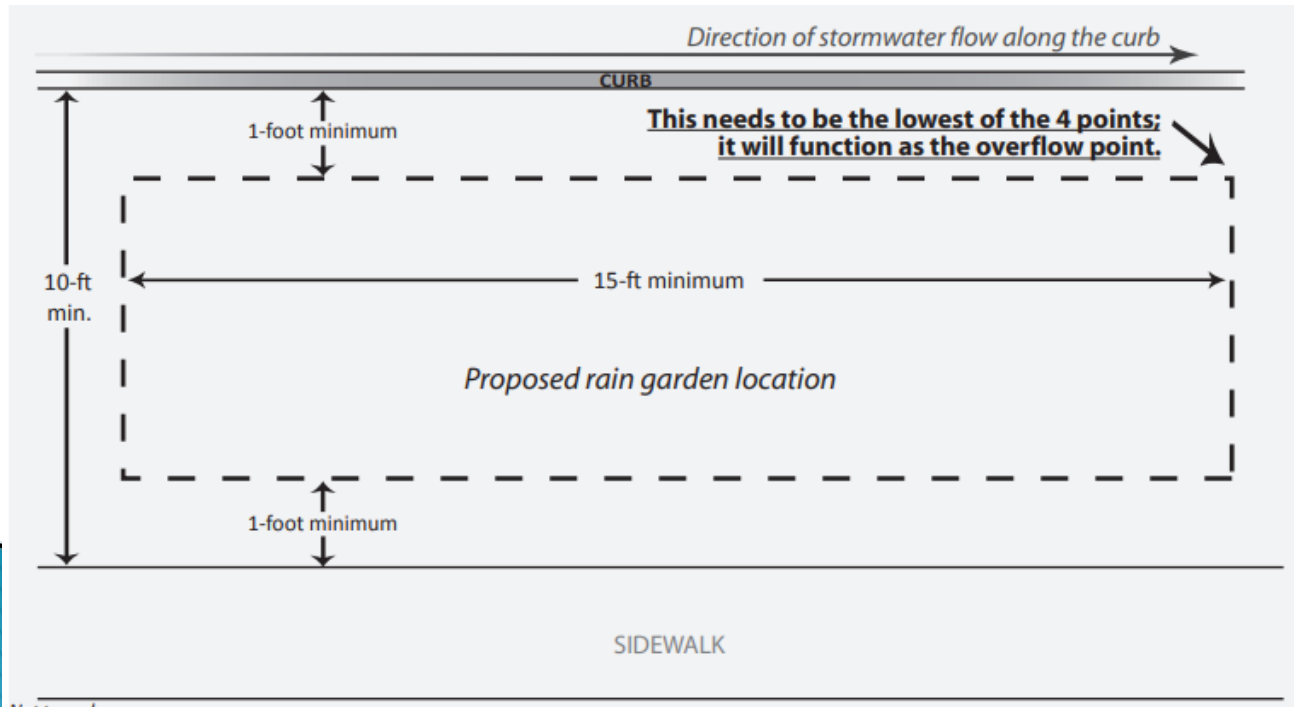
Terrace Rain Gardens – Jenifer St.



- ▶ Collects runoff from road
 - Will help to minimize flooding impacts in smaller storms
 - Reduces nutrients going into lakes by infiltrating stormwater
- ▶ Constructed and planted by City
 - 1 foot deep (from top of curb)
 - Planted with native vegetation
- ▶ \$100 cost to residents
 - City typically pays \$3000 for construction and planting
- ▶ Maintained by residents
 - Maintenance information available

Typical Terrace Rain Garden Criteria

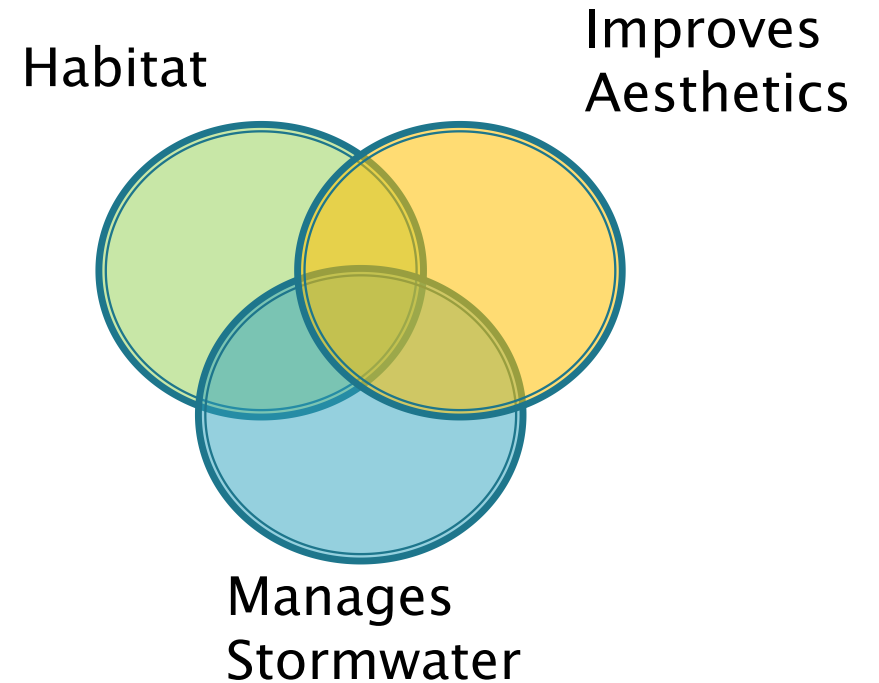
- ▶ Terrace must be at least 10 feet wide from back of curb to edge of sidewalk
- ▶ Rain garden will be a minimum of 15 feet long
- ▶ Trees need to be at least 10 feet from edge of rain garden
- ▶ Driveways and sidewalk ramps need to be at least 3 feet from edge of rain garden
- ▶ The rain garden needs to overflow back into the curb, away from the sidewalk/house
- ▶ The terrace cannot be too steep in either direction (lengthwise or crosswise)



The Case for Rain Gardens

▶ Habitat:

- Native plants create needed habitat
- The plants that thrive in rain gardens can be propagated at home
 - Seeds and seedlings can be shared or sold to reduce cost



The Case for Rain Gardens

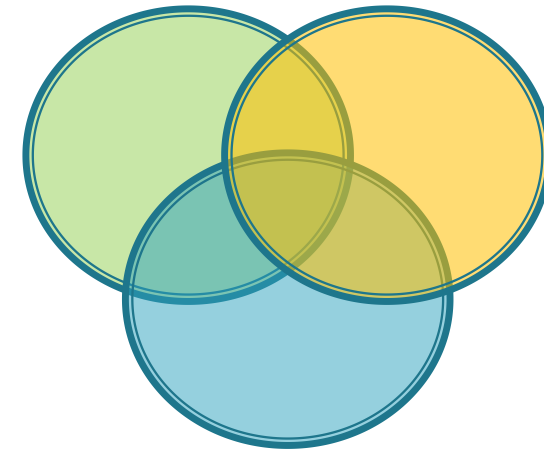
▶ Stormwater:

- Runoff from street can soak (infiltrate) into rain gardens instead of going into sewers, and then the lake
- Best option for ground water recharge
- Helps improve water quality of lakes, and can reduce large proportion of runoff in small storms



Habitat

Improves
Aesthetics



Manages
Stormwater

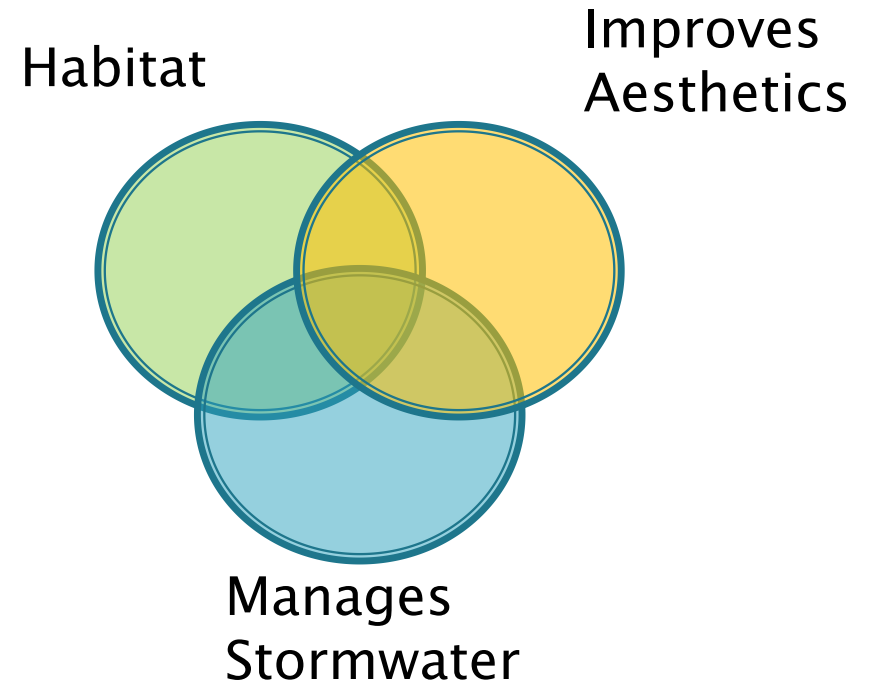
The Case for Rain Gardens

▶ Aesthetics:

- Gardens are interesting
- Can be a place for art
- Flowers throughout the summer



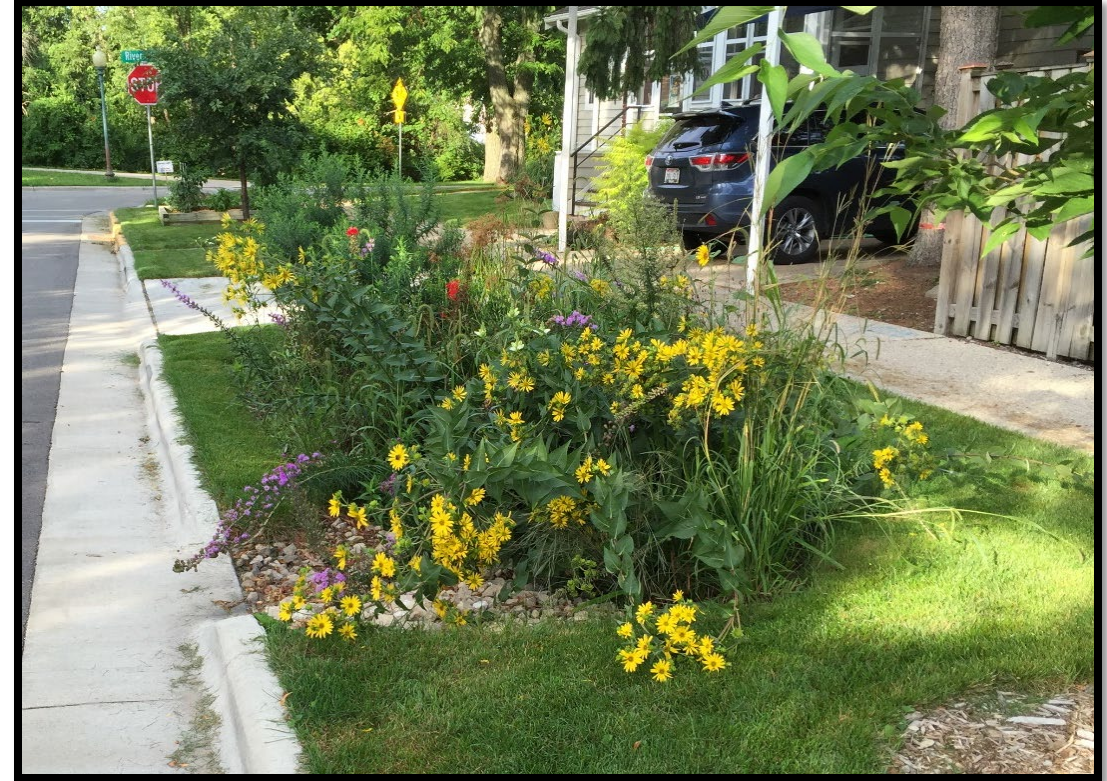
These fish start a lot of conversations



Do You Want a Terrace Rain Garden?

▶ Interested?

- The City will determine whether or not your terrace is suitable for a terrace rain garden
- If you already didn't indicate interest on the survey, please contact Carissa Wegner directly:
 - Email: cwegner@cityofmadison.com
 - Phone: (608) 261-9822
 - Carissa will review & reach out if you already responded on survey



Learn more at: www.cityofmadison.com/TerraceRainGardens

CITY OF MADISON



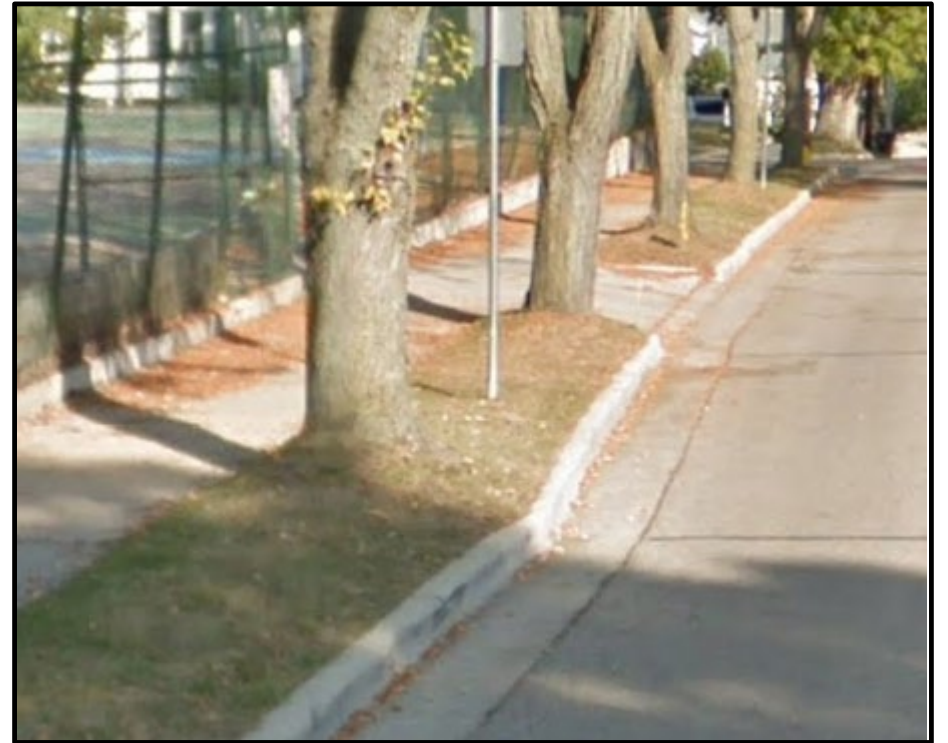
Proposed Street Design

- Review Plan



Terrace Trees

- Forestry has reviewed
 - Planned removals shown on plan
 - Due to condition or if major limbs are too low over road & cannot be pruned
- Preserve trees that will remain
 - Hand formed curb
 - Curb bumpouts, if can fit & drain
 - Curves in sidewalk
- Work with City Forestry throughout to monitor construction near trees
- Forestry will review after construction for new plantings
- See contact info on last slide



Construction, Access, and Impacts

- Streets will be closed to thru traffic during construction
 - Local access maintained
 - Driveway access for majority of project, closed for up to 3 weeks
- Standard work hours 7AM–7PM Mon–Sat, 10AM–7PM Sun
- Project may require temporary water shut-offs
- Any existing landscaping in the terrace will likely be disturbed
 - Anything you wish to save should be removed prior to construction
- Contractor will need to pump ground water
 - Keep utility trenches dry and safe to complete utility work
 - Pumps will likely need to run over night
- Best guess construction timeframe: June 2021 thru Sept. 2021

Assessment Policy & Costs

Item	Property Owner Share	City Share
Replace curb & gutter	50%	50%
Asphalt Pavement	0%	100%
Replace sidewalk	50%	50%
Replace driveway apron	50%	50%
ADA compliant sidewalk ramps	0%	100%
Storm sewer	0%	100%
Private Storm Connects, if any	100%	0%
Terrace rain garden	\$100	Remainder
Sanitary Sewer Main	0%	100%
Sanitary Sewer Laterals	25%	75%
Water main & services	0%	100%
Terrace tree replacement	0%	100%

Assessment Policy & Costs

- ▶ Preliminary, estimated assessments mailed prior to project
- ▶ Final assessments calculated following construction using measured quantities and actual bid prices
 - Final billing sent in summer after construction (2022 for this project)
- ▶ Assessments are payable in lump sum or in up to 8 installments at current interest rate (2%)

Anticipated Project Schedule

- 3/5/2021: Mail Estimated Assessments, Public Hearing Notice
- 3/17/2021: BPW Public Hearing (held virtually)
- 3/30/2021: Common Council Hearing (held virtually)
- 4/1/2021: Advertise for Bids
- 6/1/2021: Begin Construction
- 9/15/2021: Approx. End Construction

Contact Information & Resources

➤ City Staff

- Jim Wolfe, Project Manager, 608-266-4099, jwolfe@cityofmadison.com
- Daniel Olivares, Sanitary & Storm Sewer Eng., 608-261-9285, daolivares@cityofmadison.com
- Jeremy Nash, Traffic Engineering, 608-266-6585, jnash@cityofmadison.com
- Marla Eddy, City Forestry, 608-266-4450, meddy@cityofmadison.com

➤ Project Website: www.cityofmadison.com/engineering/projects/helena-street-jenifer-street-russell-street-reconstruction

- Sign-up for project email updates on the website
- Updates on closures & work progress will be posted to the project website
- Survey will remain open until 2/8/2021

➤ Facebook – City of Madison Engineering